



NIH AIDS Reagent Program

20301 Century Boulevard
Building 6, Suite 200
Germantown, MD 20874
USA

Phone: 240 686 4740
Fax: 301 515 4015
aidsreagent.org

DATA SHEET

Reagent: ☒ SIVagm (sab-2) Virus

Catalog Number: 3308

Lot Number: 150232

Release Category: A

Provided: 1 ml of viral supernatant.
p27 = 85.7 ng/mL
TCID₅₀ = 5.85x10⁵/mL.

Original Source: Virus was isolated by co-cultivation of PBMCs from a sabaeus monkey, also called the African Green Monkey, (SAB385) with the human cell line MOLT-4 Cells (8) (cat# 175). The virus stocks were taken directly from the persistently infected cell line.

Propagation: Virus can be propagated in human T cell lines such as Sup-T1 Cells (cat# 100) or MOLT-4 Cells (8) (cat# 175). The virus doesn't infect CEMx174 cells. RPMI 1640 with 15% fetal bovine serum supports replication in human cell lines. The virus is highly cytopathic on most CD4+ human cell lines. Fresh uninfected cells can be added periodically to enhance virus titers.

Sterility: Negative for mycoplasma, bacteria and fungi.

Description: This virus represents a strain-specific SIV from sabaeus monkeys, a West African species (*Cercopithecus aethiops sabaeus*).

Recommended Storage: Liquid nitrogen.

Contributor: Dr. Jonathan Allan.

ALL RECIPIENTS OF THIS MATERIAL MUST COMPLY WITH ALL APPLICABLE BIOLOGICAL, CHEMICAL, AND/OR RADIOCHEMICAL SAFETY STANDARDS INCLUDING SPECIAL PRACTICES, EQUIPMENT, FACILITIES, AND REGULATIONS. NOT FOR USE IN HUMANS.

References:

Allan JS, Short M, Taylor M, Su S, Hirsch VM, Johnson PR, Shaw G, Hahn B. Species-specific diversity among simian immunodeficiency viruses from African green monkeys *J Virol* **65**:2816-2828, 1991.

Jin JJ, Hui H, Robertson DL, Muller MC, Barre-Sinoussi F, Hirsch VM, Allan JS, Shaw GM, Sharp PM, Hahn BH. Mosaic genome structure of Simian Immunodeficiency virus from West African green monkeys. *EMBO J* **13**:2935-2947, 1994.

NOTE:

Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: SIVagm (sab-2) Virus from Dr. Jonathan Allan." Also include the references cited above in any publications.

Last Updated:

May 12, 2016

ALL RECIPIENTS OF THIS MATERIAL MUST COMPLY WITH ALL APPLICABLE BIOLOGICAL, CHEMICAL, AND/OR RADIOCHEMICAL SAFETY STANDARDS INCLUDING SPECIAL PRACTICES, EQUIPMENT, FACILITIES, AND REGULATIONS. NOT FOR USE IN HUMANS.